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1635

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. UCT-0012-P
In Re Application Of: HLA, et al.			
Serial No. 09/945,353	Filing Date August 31, 2001	Examiner M. Schmidt	Group Art Unit 1635
Title: METHOD FOR REGULATING ANGIOGENESIS			
<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"></div><div style="text-align: center;"><p>Address to:</p><p>Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p><p>37 CFR 1.97(b)</p><p>1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p><p style="text-align: center;">37 CFR 1.97(c)</p><p>2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p><div style="margin-left: 40px;"><p><input checked="" type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p><p style="text-align: center;">OR</p><p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p></div></div></div>			

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
UCT-0012-P

In Re Application: HLA, et al.

Serial No.

09/945,353

Filing Date

August 31, 2001

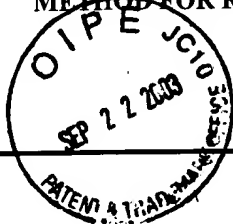
Examiner

M. Schmidt

Group Art Unit

1635

METHOD FOR REGULATING ANGIOGENESIS



Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 06-1130 as described below.
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Marjorie R. Humes

Signature of Person Mailing Correspondence

Marjorie R. Humes

Typed or Printed Name of Person Mailing Certificate

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Karen A. LeCuyer

Signature

Dated: September 16, 2003

Karen A. LeCuyer

Registration No. 51,928

Telephone: (860) 286-2929

CC:

**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

Docket No.
UCT-0012-P

In Re Application Of: HLA, et al.

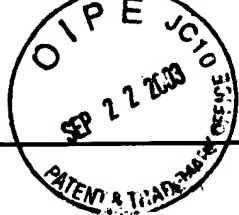
Serial No.
09/945,353

Filing Date
August 31, 2001

Examiner
M. Schmidt

Group Art Unit
1635

Invention: METHOD FOR REGULATING ANGIOGENESIS



TO THE COMMISSIONER FOR PATENTS:

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

- ☒ Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR 1.97(e)(2)

- ☐ No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Karen A. LeCuyer
Signature

Dated: September 16, 2003

Karen A. LeCuyer
Registration No. 51,928
Telephone: (860) 286-2929

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Marjorie R. Humes

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Applicant(s): HAL, et. al.

Docket No.

UCT-0012-P

Serial No.

09/945,353

Filing Date

August 31, 2001

Examiner

m. sCHMIDT

Group Art Unit

1635

Invention: **METHOD FOR REGULATING ANGIOGENESIS**

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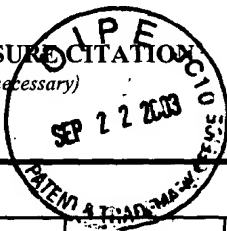
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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)
UCT-0012-P

Application Number
09/945,353

Applicant(s)
HLA, et al.

Filing Date
August 31, 2001

Group Art Unit
1635

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		WO 99/46277	16.09.99	World				
		WO 99/35259	13.07.99	World				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		International Search Report, mailed August 26, 2003
		Lee, Ok-Hee, et al: "Sphingosine 1-Phosphate Induces Angiogenesis: Its Angiogenic Action and Signaling Mechanism in Human Umbilical Vein Endothelial Cells"; Biochemical and Biophysical Research Communications (1999), 264(3), 743-750, XP002244342 abstract.

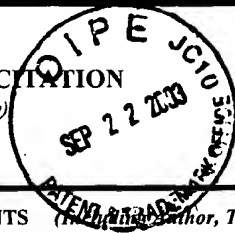
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*EXAMINER
INITIAL

OTHER DOCUMENTS

(Indicate Author, Title, Date, Pertinent Pages, Etc.)

Wang, Fang et al: "Sphingosine 1-phosphate stimulates cell migration through a Gi-coupled cell surface receptor. Potential involvement in angiogenesis"; Journal of Biological Chemistry (1999), 274(50), 35343-35350, XP002244343 Abstract.

Okamoto, H. et al: "Sphingosine 1-Phosphate Stimulates Gi- and Rho-Mediated Vascular Endothelial Cell Spreading and Migration"; Thrombosis Research (2000), 99(3), 259-265; XP002244344 abstract.

English, Denis et al.: "Induction of endothelial cell chemotaxis by sphingosine 1-phosphate and stabilization of endothelial monolayer barrier function by lysophosphatidic acid, potential mediators of hematopoietic angiogenesis"; Journal of Hematotherapy & Stem Cell Research (1999), 8(6), 627-634, XP008018336 abstract.

Lee, Menq-Jer et al: "Vascular endothelial cell adherens junction assembly and morphogenesis induced by sphingosine-1-phosphate" CELL (Cambridge, Massachusetts) (1999), XP002244485 abstract.

Nakajima N et al: "Expression and characterization of Edg-1 receptors in rat cardiomyocytes: calcium deregulation in response to sphingosine 1-phosphate." European Journal of Biochemistry / Febs. Germany Sep. 2000, vol. 267, no. 18, September 2000 (2000-09), pages 5679-5686, XP002250815 ISSN: 0014-2956 abstract.

EXAMINER

DATE CONSIDERED

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